

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	437	606/166.ccls.	USPAT	OR	OFF	2010/11/05 08:19
L2	1	"10561725"	US-PGPUB; USPAT	OR	OFF	2010/11/05 08:19
L3	10	Pein-Andreas.in.	US-PGPUB; USPAT	OR	OFF	2010/11/05 08:19
L4	3	((("6216573") or ("5370609") or ("5931647"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L5	1	"20010043874"	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L6	116	("2648288" "3496874" "3771907" "3818913" "3874826" "3930505" "4111490" "4142524" "4199307" "4216906" "4336800" "4410322" "4435902" "4465438" "4479760" "4479761" "4479762" "4557725" "4560373" "4573883" "4614481" "4635621" "4637551" "4657490" "4662829" "4690672" "4741678" "4749337" "4754929" "4761039" "4776769" "4795217" "4798339" "4798589" "4811902" "4818190" "4827679" "4842584" "4857048" "4872813" "4896085" "4898574" "4913698" "4927411" "4937985" "4940399" "4950238" "4958963" "5006050" "5011468" "5018670" "5037431" "5052624" "5056992" "5074862" "5092744" "5098262" "5125582" "5133687" "5135482" "5154589" "5162016" "5186615" "5201643" "5205779" "5230443" "5237309" "5252044")	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19

		"5259842" "5261883" "5281108" "5314375" "5322504" "5339715" "5344292" "5364234" "5368452" "5370609" "5378126" "5415528" "5429485" "5449369" "5464392" "5476368" "5505729" "5540568" "5542918" "5554013" "5562692" "5586868" "5591184" "5620414" "5647852" "5667102" "5674226" "5713878" "5871462").PN. OR ("6216573").URPN.				
L7	113	("0247360" "0695589" "0789430" "1032187" "1460628" "1536415" "1815907" "2022443" "2393442" "2501707" "2645449" "2653580" "2709118" "2750746" "2766701" "2782801" "2856961" "3019739" "3095785" "3177780" "3216332" "3268201" "3275331" "3300703" "3414693" "3463193" "3509890" "3510177" "3515169" "3552441" "3648568" "3742822" "3802805" "3847453" "4042248" "4055107" "4085941" "4089349" "4095566" "4128227" "4159024" "4197786" "4222575" "4241644" "4280741" "4384511" "4392034" "4433795" "4437821" "4448425" "4449717" "4468170" "4549718" "4627795" "4637295" "4674965" "4721133" "4723755" "4751867" "4759553" "4804913" "4900883" "4974755" "4975679" "5104374" "5140113" "5144882" "5199718" "5267721" "5380017" "5429602" "5440968" "5467689").PN. OR ("5931647").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19

L8	2	((("3930505") or ("4690672")).PN.	USPAT; USOCR	OR	OFF	2010/11/05 08:19
L9	115	("3589363" "3812855" "3818913").PN. OR ("3930505").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L10	89	("1902418" "2147652" "2804075" "3429313").PN. OR ("4690672").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L11	274	L6 or L4 or L9 or L10	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L12	62	("3818913" "3930505" "4111490" "4465438" "4479760" "4479761" "4479762" "4560373" "4662829" "4690672" "4741678" "4761039" "4776769" "4795217" "4798339" "4811902" "4827679" "4898574" "4913698" "4937985" "4950238" "5018670" "5037431" "5052624" "5074862" "5092744" "5125582" "5133687" "5135482" "5162016" "5186615" "5201643" "5205779" "5230443" "5309899" "5314375" "5322504" "5364234" "5368452" "5370609").PN. OR ("5871462").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L13	98	("1889425" "3353537" "3452745" "3515130" "3542017" "3561433" "3590813" "3605745" "3768472" "3792701" "3811795" "3906954" "3930505" "3993054" "3994297" "4018623" "4024866" "4186733" "4278078" "4282867" "4349130" "4365752" "4368734" "4412823" "4441488" "4515532" "4534340" "4560373" "4561856" "4570632" "4583531" "4589412" "4655197" "4690672" "4694828" "4705500" "4764165" "4776840" "4790824" "4817599" "4857047" "4861340" "4878900" "4898574"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19

		"4908015" "4913698" "4915691" "4935006" "4944726" "4950238" "5013300" "5019037" "5024615" "5033961" "5037431" "5037432" "5046486" "5047008" "5049124" "5064413" "5135482" "5135484" "5176645" "5218956" "5261883" "5322504" "5361583" "5364405" "5370609" "5413556"). PN. OR ("5735815").URPN.				
L14	77	("1889425" "3590813" "3811795" "3930505" "3993054" "4024966" "4186733" "4368734" "4441488" "4690672" "4694828" "4935006" "4944726" "5024615" "5037431" "5135482" "5261883" "5361583" "5370609").PN. OR ("5591184").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L15	17	("3496874").URPN.	USPAT	OR	OFF	2010/11/05 08:19
L16	114	("2564809" "2646042" "3429313" "3513846" "3517665" "3572319" "3693613").PN. OR ("3812855").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L17	125	L15 or L16	USPAT	OR	OFF	2010/11/05 08:19
L18	176	L12 or L13 or L14	USPAT	OR	OFF	2010/11/05 08:19
L19	3	(("6216573") or ("5370609") or ("5931647")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L20	116	("2648288" "3496874" "3771907" "3818913" "3874826" "3930505" "4111490" "4142524" "4199307" "4216906" "4336800" "4410322" "4435902" "4465438" "4479760" "4479761" "4479762" "4557725" "4560373" "4573883" "4614481" "4635621" "4637551" "4657490" "4662829" "4690672" "4741678" "4749337"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19

		"4754929" "4761039" "4776769" "4795217" "4798339" "4798589" "4811902" "4818190" "4827679" "4842584" "4857048" "4872813" "4896085" "4898574" "4913698" "4927411" "4937985" "4940399" "4950238" "4958963" "5006050" "5011468" "5018670" "5037431" "5052624" "5056992" "5074862" "5092744" "5098262" "5125582" "5133687" "5135482" "5154589" "5162016" "5186615" "5201643" "5205779" "5230443" "5237309" "5252044" "5259842" "5261883" "5281108" "5314375" "5322504" "5339715" "5344292" "5364234" "5368452" "5370609" "5378126" "5415528" "5429485" "5449369" "5464392" "5476368" "5505729" "5540568" "5542918" "5554013" "5562692" "5586868" "5591184" "5620414" "5647852" "5667102" "5674226" "5713878" "5871462").PN. OR ("6216573").URPN.				
L21	115	("3589363" "3812855" "3818913").PN. OR ("3930505").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L22	89	("1902418" "2147652" "2804075" "3429313"). PN. OR ("4690672").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L23	274	L20 or L19 or L21 or L22	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L24	17	("3496874").URPN.	USPAT	OR	OFF	2010/11/05 08:19
L25	114	("2564809" "2646042" "3429313" "3513846" "3517665" "3572319" "3693613").PN. OR ("3812855").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19

L26	125	L24 or L25	USPAT	OR	OFF	2010/11/05 08:19
L27	98	L26 not L23	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L28	797	417/212,218,221.ccls.	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L29	133	L28 and eccentric	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L30	527	417/535,536,538.ccls.	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L31	20	L30 and eccentric	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L32	632	606/166.ccls.	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L33	111	L32 and eccentric	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L34	57	L33 and (pump or piston)	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L35	54	L33 not L34	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L36	29	("2032163" "2245287" "2503907" "3443521" "3496874").PN. OR ("4234107").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L37	27	("2107987" "2321994" "2666564" "3991797" "4234107" "4254806" "4273263" "4318431" "4373560").PN. OR ("4667709").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L38	1	"4335756".pn.	USPAT	OR	OFF	2010/11/05 08:19
L39	1	"3830531".pn.	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L40	19	pressure adj tubule	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L41	468711	tub\$5 with connect\$4	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L42	382740	tub\$3 with connect\$4	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L43	6054	(tub\$3 with connect\$4) same ribs	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L44	2040	(tub\$3 with connect\$4) same ((press adj fit) or press\$1fit)	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L45	54	L44 same rib	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19

L46	22	("2557766" "2647000" "2868602" "2972395").PN. OR ("4013372").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L47	27	("2104500" "2284458" "2351525" "3386590" "3532369" "3545625").PN. OR ("3666298").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L48	49	L46 or L47	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L49	1	"5536258".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L50	40	("0802383" "0928055" "2258066" "3707240" "4551146" "5049139" "5176415" "5330235").PN. OR ("5536258").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L51	44	("4354490" "4559033" "4564361" "4919658" "4933178").PN. OR ("5049139").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L52	223	417/470.ccls.	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L53	4142	(plastic with piston) and (plastic with (housing or cylinder or casing))	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L54	1490	L53 and pump	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L55	437	606/166.ccls.	USPAT	OR	OFF	2010/11/05 08:19
L56	1	"10561725"	US-PGPUB; USPAT	OR	OFF	2010/11/05 08:19
L57	10	Pein-Andreas.in.	US-PGPUB; USPAT	OR	OFF	2010/11/05 08:19
L58	3	((("6216573") or ("5370609") or ("5931647"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
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L61	113	(("0247360" "0695589" "0789430" "1032187" "1460628" "1536415" "1815907" "2022443" "2393442" "2501707" "2645449" "2653580" "2709118" "2750746" "2766701" "2782801" "2856961" "3019739" "3095785" "3177780" "3216332" "3268201" "3275331" "3300703" "3414693" "3463193" "3509890" "3510177" "3515169" "3552441" "3648568" "3742822" "3802805" "3847453" "4042248" "4055107" "4085941" "4089349" "4095566" "4128227" "4159024" "4197786" "4222575" "4241644" "4280741" "4384511" "4392034" "4433795" "4437821" "4448425" "4449717" "4468170" "4549718" "4627795" "4637295" "4674965" "4721133" "4723755" "4751867" "4759553" "4804913" "4900883" "4974755" "4975679" "5104374" "5140113" "5144882" "5199718" "5267721" "5380017" "5429602" "5440968" "5467689").PN. OR ("5931647").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
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L63	115	(("3589363" "3812855" "3818913").PN. OR ("3930505").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L64	89	(("1902418" "2147652" "2804075" "3429313"). PN. OR ("4690672").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L65	274	L60 or L58 or L63 or L64	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19

L66	62	("3818913" "3930505" "4111490" "4465438" "4479760" "4479761" "4479762" "4560373" "4662829" "4690672" "4741678" "4761039" "4776769" "4795217" "4798339" "4811902" "4827679" "4898574" "4913698" "4937985" "4950238" "5018670" "5037431" "5052624" "5074862" "5092744" "5125582" "5133687" "5135482" "5162016" "5186615" "5201643" "5205779" "5230443" "5309899" "5314375" "5322504" "5364234" "5368452" "5370609"). PN. OR ("5871462").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L67	98	("1889425" "3353537" "3452745" "3515130" "3542017" "3561433" "3590813" "3605745" "3768472" "3792701" "3811795" "3906954" "3930505" "3993054" "3994297" "4018623" "4024866" "4186733" "4278078" "4282867" "4349130" "4365752" "4368734" "4412823" "4441488" "4515532" "4534340" "4560373" "4561856" "4570632" "4583531" "4589412" "4655197" "4690672" "4694828" "4705500" "4764165" "4776840" "4790824" "4817599" "4857047" "4861340" "4878900" "4898574" "4908015" "4913698" "4915691" "4935006" "4944726" "4950238" "5013300" "5019037" "5024615" "5033961" "5037431" "5037432" "5046486" "5047008" "5049124" "5064413" "5135482" "5135484" "5176645" "5218956" "5261883" "5322504" "5361583" "5364405"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19

		"5370609" "5413556"). PN. OR ("5735815").URPN.				
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L69	17	("3496874").URPN.	USPAT	OR	OFF	2010/11/05 08:19
L70	114	("2564809" "2646042" "3429313" "3513846" "3517665" "3572319" "3693613").PN. OR ("3812855").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L71	125	L69 or L70	USPAT	OR	OFF	2010/11/05 08:19
L72	176	L66 or L67 or L68	USPAT	OR	OFF	2010/11/05 08:19
L73	3	((("6216573") or ("5370609") or ("5931647")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L74	116	("2648288" "3496874" "3771907" "3818913" "3874826" "3930505" "4111490" "4142524" "4199307" "4216906" "4336800" "4410322" "4435902" "4465438" "4479760" "4479761" "4479762" "4557725" "4560373" "4573883" "4614481" "4635621" "4637551" "4657490" "4662829" "4690672" "4741678" "4749337" "4754929" "4761039" "4776769" "4795217" "4798339" "4798589" "4811902" "4818190" "4827679" "4842584" "4857048" "4872813" "4896085" "4898574" "4913698" "4927411" "4937985" "4940399" "4950238" "4958963" "5006050" "5011468" "5018670" "5037431"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19

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L75	115	("3589363" "3812855" "3818913").PN. OR ("3930505").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L76	89	("1902418" "2147652" "2804075" "3429313"). PN. OR ("4690672").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L77	274	L74 or L73 or L75 or L76	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L78	17	("3496874").URPN.	USPAT	OR	OFF	2010/11/05 08:19
L79	114	("2564809" "2646042" "3429313" "3513846" "3517665" "3572319" "3693613").PN. OR ("3812855").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L80	125	L78 or L79	USPAT	OR	OFF	2010/11/05 08:19
L81	98	L80 not L77	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L82	797	417/212,218,221.ccls.	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L83	133	L82 and eccentric	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L84	527	417/535,536,538.ccls.	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19

L85	20	L84 and eccentric	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L86	632	606/166.ccls.	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L87	111	L86 and eccentric	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L88	57	L87 and (pump or piston)	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L89	54	L87 not L88	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L90	29	("2032163" "2245287" "2503907" "3443521" "3496874").PN. OR ("4234107").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L91	27	("2107987" "2321994" "2666564" "3991797" "4234107" "4254806" "4273263" "4318431" "4373560").PN. OR ("4667709").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L92	1	"4335756".pn.	USPAT	OR	OFF	2010/11/05 08:19
L93	1	"3830531".pn.	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L94	19	pressure adj tubule	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L95	468711	tub\$5 with connect\$4	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L96	382740	tub\$3 with connect\$4	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L97	6054	(tub\$3 with connect\$4) same ribs	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L98	2040	(tub\$3 with connect\$4) same ((press adj fit) or press\$1fit)	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L99	54	L98 same rib	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L100	22	("2557766" "2647000" "2868602" "2972395"). PN. OR ("4013372").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L101	27	("2104500" "2284458" "2351525" "3386590" "3532369" "3545625"). PN. OR ("3666298").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L102	49	L100 or L101	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19

L103	1	"5536258".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L104	40	("0802383" "0928055" "2258066" "3707240" "4551146" "5049139" "5176415" "5330235"). PN. OR ("5536258").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L105	44	("4354490" "4559033" "4564361" "4919658" "4933178").PN. OR ("5049139").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/05 08:19
L106	223	417/470.ccls.	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L107	4142	(plastic with piston) and (plastic with (housing or cylinder or casing))	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L108	1490	L107 and pump	US-PGPUB; USPAT	OR	ON	2010/11/05 08:19
L109	1	(10/561725).APP.	US-PGPUB; USPAT	OR	OFF	2010/11/05 08:19
L110	77	("1889425" "3590813" "3811795" "3930505" "3993054" "4024966" "4186733" "4368734" "4441488" "4690672" "4694828" "4935006" "4944726" "5024615" "5037431" "5135482" "5261883" "5361583" "5370609").PN. OR ("5591184").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 08:19
L111	21	("2178953" "3224345" "3250225" "3446154" "3993061" "4086036" "4240335" "4277226" "4396385" "4729238" "4798589").PN. OR ("4940399").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 08:41
L112	128	("2678663" "2725078" "2954738" "3079946" "3294030" "3375759" "3492968" "3551076" "3722506" "3769879" "3976402" "3985133" "3993061" "3995723" "4021157" "4096855" "4131393" "4137913" "4396385" "4403924" "4456009" "4515591" "4519792" "4658585" "4682533" "4684367").	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 08:58

		PN. OR ("2178953" "4396385" "4729238" "4798589").URPN.				
L113	38	("3985133" "4236880" "4273121" "4303376" "4396385" "4479797" "4559038").PN. OR ("4818190").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 09:05
L114	40	("4142524" "4236880" "4273121" "4303376" "4336800" "4479797" "4519792" "4559038" "4798589").PN. OR ("4872813").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 09:07
L115	46	(l113 or l114) not (l111 or l112)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/05 09:15
L116	2	((("5931647") or ("20070276421")).PN.	US-PGPUB; USPAT	OR	OFF	2010/11/05 09:28

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